|  | PATENT A                                       | A   | 109/831615                              |                       |                      |                  |          |                   |               |         |                     |               |
|--|--|---|---|-----------------------|----------------------|------------------|----------|-------------------|---------------|---------|---------------------|---------------|
| CLAIMS AS FILED - PART I (Column 1) (Column 2)   |  |   |   |                       |                      |                  |          | SMALL ENTITY TYPE |               |         | OTHER<br>SMALL      |               |
| TC   | TAL CLAIMS                                     | Q(  | ~0                                      |                       | a progress           |                  | RATE FEE |                   |               | RATE    | FEE                 |               |
| Ð  | R  |   | NUMBER FILED                            |                       | NUMBER EXTRA         |                  | ВА       | BASIC FEE         |               | OR      | BASIC FEE           | 1000          |
| σ  | TAL CHARGEA                                    | BLE CLAIMS                                    | minus 20=                               |                       | . 6                  |                  | ;        | K\$ 9=            |               | OR      | X\$18=              | 108           |
| ND   | EPENDENT CL                                    | AIMS  | minus 3 =                               |                       |                      |                  | X40=     |                   |               | OR      | X80=                |               |
| MULTIPLE DEPENDENT CLAIM PRESENT   |  |   |   | l                     |                      |                  | <b> </b> | 135=              |               | OR      | +270=               | 120           |
| · If   | the difference                                 | in column 1 is                                | o, enter "0" in column 2                |                       |                      |                  | OTAL     |                   | OR            | TOTAL   | 1378                |               |
| CLAIMS AS AMENDED - PART II  |  |   |   |                       |                      |                  | e        |                   | ENTITY        | OR      | OTHER<br>SMALL      |               |
| _  |  | (Column 1)<br>CLAIMS                          | \$.04Ps.1                               | (Colur                |                      | (Column 3)       |          | WALL              | ADDI-         | UH<br>I | SWALLE              | ADDI-         |
| AMENDMEN) A  | 10-4 LD  | REMAINING<br>AFTER<br>AMENDMENT               |   | NUM<br>PREVIO<br>PAID | DUSLY                | PRESENT<br>EXTRA | F        | RATE              | TIONAL<br>FEE |         | RATE                | TIONAL<br>FEE |
|  | Total  | · 15  | Minus                                   |                       | <del>2</del> φ_      | = /              |          | (\$ 9=            |               | OR      | X\$18=              |               |
| IME  | Independent                                    | ٠ ٦   | Minus                                   | •••                   | <u>a</u>             | =                | 7        | <b>40</b> =       |               | OR      | X80=                |               |
|  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |   |   |                       |                      |                  | -        | 135=              |               | OR      | +270=               |               |
| •  |  |   |   |                       |                      |                  |          | TOTAL<br>DIT. FEE |               |         | TOTAL               |               |
| •  | (Column 1) (Column 2) (Column 3)               |   |   |                       |                      |                  |          |                   |               | 10      | ADDIT. FEE          |               |
|  |  | CLAIMS 2000 A                                 |   | HIGH                  | HIGHEST              |                  | ነ        |                   | ADDI-         |         |                     | ADDI-         |
| ENT B  |  | REMAINING<br>AFTER<br>AMENDMENT               |   | PREVI                 | IBER<br>OUSLY<br>FOR | PRESENT          | F        | RATE              | TIONAL<br>FEE |         | RATE                | TIONAL<br>FEE |
| AMENDMENT  | Total  | •   | Minus                                   | ••                    |                      | =                | ] [;     | <b>K\$</b> 9=     |               | OR      | X\$18=              |               |
| AME  | Independent                                    |   | Minus                                   | •••                   |                      | -                |          | X40=              |               | OR      | X80=                |               |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM   |  |   |   |                       |                      |                  |          | -135=             |               | OR      | +270=               |               |
| TOTAL ADDIT. FEE   |  |   |   |                       |                      |                  |          |                   |               | OR      | TOTAL<br>ADDIT, FEE |               |
| (Column 1) (Column 2) (Column 3)   |  |   |   |                       |                      |                  |          |                   |               |         |                     |               |
| ပ  | mgaren in en                                   | CLAIMS<br>REMAINING                           | - Page 34:                              |                       | HEST<br>IBER         | PRESENT          |          |                   | ADDI-         |         |                     | ADDI-         |
|  | es Benediction                                 | AFTER AMENDMENT                               | - Se |                       | OUSLY<br>FOR         | EXTRA            | ] ] [    | RATE              | TIONAL<br>FEE |         | RATE                | TIONAL<br>FEE |
| AMENDMENT C  | Total  | •   | Minus                                   | ••                    |                      | =                | ] [;     | X\$ 9=            |               | OR      | X\$18=              |               |
| ME   | Independent                                    | •   | Minus                                   | •••                   |                      | <u> </u>         |          | X40=              |               | OR      | X80=                |               |
| F  | FIRST PRESE                                    | IRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |   |                       |                      |                  |          |                   |               | 1       | +270=               |               |
| +135=<br>1 If the entry in column 1 is less than the entry in column 2, write "0" in column 3.   |  |   |   |                       |                      |                  |          |                   |               | OR      | TOTAL               |               |
| "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."  ADDIT. FEE OR ADDIT. FEE  The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. |  |   |   |                       |                      |                  |          |                   |               |         | ADDIT. FEE          |               |
|  | The "Highest Nun                               | nber Previously Pa                            | id For (Total o                         | r Indepen             | dent) is th          | e highest numb   | er lound | in the ap         | opropriate bo | x in co | olumn 1.            |               |

ORM PTO-87

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE